

CLAIMS

What is claimed is:

1. A radiator structure disposed in a computer device, said radiator
5 structure comprising:

a circuit board comprising at least one exothermal unit installed thereon, and at least two apertures being spaced at a predetermined distances from said at least one exothermal unit;

at least one conductive plate placed above the at least one exothermal
10 unit of said circuit board;

a radiator board comprising at least two lock structures corresponding to the at least two apertures of said circuit board, each lock structure having a deforming section and two long slots, wherein said deforming section being formed between said two long slots, and a lock seat placed on said deforming
15 section; and

at least two lock attachments respectively disposed through the at least two apertures of said circuit board and locked onto the lock seat of said radiator board to press said radiator board close onto said at least one conductive plate and said at least one exothermal unit, wherein a locking
20 force from the lock seat of said radiator board causes said deforming section

to undergo resilience deformation facing said circuit board to absorb a contact pressure generated between said radiator board, said at least one conductive plate and said at least one exothermal unit.

2. The radiator structure claimed of claim 1 wherein said at least one
5 conductive plate is a copper plate and is adhered to the at least one exothermal unit of said circuit board by a cooling glue layer.

3. The radiator structure claimed of claim 1 wherein said lock seats are tapped hole seats, and said at least two lock attachments are screws each corresponding to said tapped hole seats.

10 4. The radiator structure claimed of claim 1 wherein said at least one exothermal unit is a microprocessor chip.

5. The radiator structure claimed of claim 1 wherein said radiator board is a metal board with a high thermal conductivity coefficient.

15 6. The radiator structure claimed of claim 5 wherein said metal board is an aluminum alloy board.